

SYSTEMS AND METHODS FOR WORD PREDICTION

AND SPEECH RECOGNITION

Abstract

A word prediction method that improves the precision accuracy, and a speech
5 recognition method and an apparatus therefor are provided. For the prediction of a
sixth word "?", a partial analysis tree having a modification relationship with the sixth
word is predicted. "sara-ni sho-senkyoku no" has two partial analysis trees, "sara-ni"
and "sho-senkyoku no". It is predicted that "sara-ni" does not have a modification
relationship with the sixth word, and that "sho-senkyoku no" does. Then, "donyu",
10 which is the sixth word from "sho-senkyoku no", is predicted. In this example, since
"sara-ni" is not useful information for the prediction of "donyu", it is preferable that
"donyu" be predicted only by "sho-senkyoku no".